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# Comprehensive approach to estimation of environmental Hazards of motor transport in industrial city

Suleimanov I., Sadykova A., Sabirov R., Moskova E., Filippov A.
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

## Abstract

© 2018, Institute of Advanced Scientific Research, Inc.. All rights reserved. In this article the questions of an estimation of an ecological danger level of motor transport in the conditions of an industrial city are considered. The theoretical and practical substantiation of the use of the integrated approach to the estimation of the parameters of the system "Traffic flow-street of industrial city" is presented. The integrated approach proposed in the article is aimed at ensuring objectivity in modelling the process of functioning of motor transport streams in the conditions of an industrial city due to better taking into account the negative ecological effect of the aggregate chemical and energy pollution. A comparative analysis of the organization of traffic in an industrial city on the basis of ecological criteria using classical and complex approaches is presented. The revealed contradictions allowed to prove the adequacy of the proposed provisions concerning the development and application of a new criterion-a complex index of environmental load, which complements the representations of the system "Traffic flow-street of industrial city".

## Keywords

A complex approach, Organization of traffic, Polluting background, Street and road network, Street of industrial city, Traffic flow, Transport noise

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